CONTENTS OF VOLUME 17

Memorial Articles and Articles

AARONSON, JON, GILAT, DAVID, KEANE, MICHAEL AND DE VALK, VINCENT. An algebraic construction of a class of one-dependent processes 128–143

ALDOUS, DAVID. Stopping times and tightness. II 586–595

ALEXANDER, KENNETH S. Characterization of the cluster set of the LIL sequence in Banach space 737–759

ALEXANDER, KENNETH S. Unusual cluster sets for the LIL sequence in Banach space 1170–1185

ALPERN, S. AND PRASAD, V. S. Coding a stationary process to one with prescribed marginals 1658–1663

ARRATIA, R., GOLDSTEIN, L. AND GORDON, L. Two moments suffice for Poisson approximations: The Chen–Stein method . . 9–25

ARRATIA, R. AND WATERMAN, M. S. The Erdös–Rényi strong law for pattern matching with a given proportion of mismatches 1152–1169

BACCELLI, FRANÇOIS AND MAKOWSKI, ARMAND M. Dynamic, transient and stationary behavior of the $M/GI/1$ queue via martingales 1691–1699

BAI, Z. D. A theorem of Feller revisited 385–395

BALDI, PIERRE AND RINOTT, YOSEF. On normal approximations of distributions in terms of dependency graphs 1646–1650

BÉLISLE, CLAUDE. Windings of random walks 1377–1402

BEQUILLARD, A. L. A sufficient condition for two Markov semigroups to commute 1478–1482

BERBEE, H. C. P. AND DEN HOLLANDER, W. TH. F. Tail triviality for sums of stationary random variables 1635–1645

BERBEE, HENRY. Uniqueness of Gibbs measures and absorption probabilities 1416–1431

BERMAN, SIMEON M. AND KÔNO, NORIO. The maximum of a Gaussian process with nonconstant variance: A sharp bound for the distribution tail 632–650

BERTOIN, JEAN. Sur une intégrale pour les processus à α-variation bornée 1521–1535

BOLTHAUSEN, ERWIN. A central limit theorem for two-dimensional random walks in random sceneries 108–115

BRAMSON, M., DURRETT, R. AND SWINDLE, G. Statistical mechanics of crabgrass 444–481

BRAMSON, MAURY. Survival of nearest-particle systems with low birth rate 433–443

BRAMSON, MAURY AND GRIFFEATH, DAVID. Flux and fixation in cyclic particle systems 26–45

BRETAGNOLLE, J. AND MASSART, P. Hungarian constructions from the nonasymptotic viewpoint 239–256
BURDZY, KRZYSZTOF. Cut points on Brownian paths 1012–1036
CHAYES, J. T., CHAYES, L., GRIMMETT, G. R., KESTEN, H. AND SCHONMANN, R. H. The correlation length for the high-density phase of Bernoulli percolation 1277–1302
CHAYES, L., GRIMMETT, G. R., KESTEN, H., SCHONMANN, R. H. AND CHAYES, J. T. The correlation length for the high-density phase of Bernoulli percolation 1277–1302
CHEN, MU-FA AND LI, SHAO-FU. Coupling methods for multidimensional diffusion processes 151–177
CHIANG, TZUU-SHUH AND CHOW, YUNSHYONG. A limit theorem for a class of inhomogeneous Markov processes 1483–1502
CHOW, YUNSHYONG AND CHIANG, TZUU-SHUH. A limit theorem for a class of inhomogeneous Markov processes 1483–1502
COHN, HARRY. On the growth of the multitype supercritical branching process in a random environment 1118–1123
CORNEA, AUREL AND LOEB, PETER A. A convergence property for conditional expectation 353–356
COVER, THOMAS M., GACS, PETER AND GRAY, ROBERT M. Kolmogorov's contributions to information theory and algorithmic complexity 840–865
COX, J. T. Coalescing random walks and voter model consensus times on the torus in $\mathbf{Z}^d$ 1333–1366
CRANSTON, M., HSU, P. AND MARCH, P. Smoothness of the convex hull of planar Brownian motion 144–150
CSÁKI, E., CSÖRGŐ, M., FÖLDES, A. AND RÉVÉSZ, P. Brownian local time approximated by a Wiener sheet 516–537
CSÖRGŐ, M., FÖLDES, A., RÉVÉSZ, P. AND CSÁKI, E. Brownian local time approximated by a Wiener sheet 516–537
CUESTA, JUAN ANTONIO AND MATRAN, CARLOS. Notes on the Wasserstein metric in Hilbert spaces 1264–1276
DAWSON, DONALD A., FLEISCHMANN, KLAUS AND GOROSTIZA, LUIS G. Stable hydrodynamic limit fluctuations of a critical branching particle system in a random medium 1083–1117
DE HAAN, L. AND RACHEV, S. T. Estimates of the rate of convergence for max-stable processes 651–677
DEHEUVELS, PAUL AND STEINEBACH, JOSEF. Sharp rates for increments of renewal processes 700–722
DE LA CAL, JESÚS. On the three series theorem in number theory 357–361
DEN HOLLANDER, W. TH. F. AND BERBEE, H. C. P. Tail triviality for sums of stationary random variables 1635–1645
DEUSCHEL, JEAN-DOMINIQUE. Invariance principle and empirical mean large deviations of the critical Ornstein–Uhlenbeck process 74–90

DE VALK, VINCENT, AARONSON, JON, GILAT, DAVID AND KEANE, MICHAEL. An algebraic construction of a class of one-dependent processes 128–143
DOOB, J. L. Kolmogorov's early work on convergence theory and foundations 815–821
DURRETT, R., SWINDLE, G. AND BRAMSON, M. Statistical mechanics of crabgrass 444–481
DURRETT, RICHARD, SCHONMANN, ROBERTO H. AND TANAKA, NELSON I. The contact process on a finite set. III: The critical case 1303–1321
DUTKO, MICHAEL. Central limit theorems for infinite urn models 1255–1263
DYNKIN, E. B. Kolmogorov and the theory of Markov processes . 822–832
EINMAHL, UWE. Stability results and strong invariance principles for partial sums of Banach space valued random variables . . . 333–352
ELLIOTT, ROBERT J. AND KOHLMANN, MICHAEL. Integration by parts, homogeneous chaos expansions and smooth densities . . . 194–207
ELLIS, RICHARD S. AND WYNER, AARON D. Uniform large deviation property of the empirical process of a Markov chain 1147–1151
EPSTEIN, RAISA. Some limit theorems for functionals of the Brownian sheet 538–558
FALK, M. AND REISS, R.-D. Weak convergence of smoothed and nonsmoothed bootstrap quantile estimates 362–371
FLEISCHMANN, KLAUS, GOROSTIZA, LUIS G. AND DAWSON, DONALD A. Stable hydrodynamic limit fluctuations of a critical branching particle system in a random medium 1083–1117
FÖLDES, A., RÉVÉSZ, P., CSÁKI, E. AND CSÖRGŐ, M. Brownian local time approximated by a Wiener sheet 516–537
GACS, PETER, GRAY, ROBERT M. AND COVER, THOMAS M. Kolmogorov's contributions to information theory and algorithmic complexity 840–865
GANDOLFI, ALBERTO. Uniqueness of the infinite cluster for stationary Gibbs states 1403–1415
GILAT, DAVID, KEANE, MICHAEL, DE VALK, VINCENT AND AARONSON, JON. An algebraic construction of a class of one-dependent processes 128–143
GOLDIE, CHARLES M. AND RESNICK, SIDNEY. Records in a partially ordered set 678–699
GOLDSTEIN, L., GORDON, L. AND ARRATIA, R. Two moments suffice for Poisson approximations: The Chen–Stein method . . 9–25
GOODMAN, VICTOR AND KUELBS, JAMES. Rates of convergence for the functional LIL 301–316
GORDON, L., ARRATIA, R. AND GOLDSTEIN, L. Two moments suffice for Poisson approximations: The Chen–Stein method . . 9–25

GOROSTIZA, LUIS G., DAWSON, DONALD A. AND FLEISCHMANN, KLAUS. Stable hydrodynamic limit fluctuations of a critical branching particle system in a random medium 1083–1117
GÖTZE, F. Edgeworth expansions in functional limit theorems ... 1602–1634
GRAY, ROBERT M., COVER, THOMAS M. AND GACS, PETER. Kolmogorov's contributions to information theory and algorithmic complexity 840–865
GRIFFEATH, DAVID AND BRAMSON, MAURY. Flux and fixation in cyclic particle systems 26–45
GRIFFIN, PHILIP S. AND KUELBS, JAMES D. Self-normalized laws of the iterated logarithm 1571–1601
GRIFFIN, PHILIP S. AND PRUITT, WILLIAM E. Asymptotic normality and subsequential limits of trimmed sums 1186–1219
GRIMMETT, G. R., KESTEN, H., SCHONMANN, R. H., CHAYES, J. T. AND CHAYES, L. The correlation length for the high-density phase of Bernoulli percolation 1277–1302
HANSEN, JENNIE C. A functional central limit theorem for random mappings 317–332
HANSON, D. L. AND RUSSO, RALPH P. Some "lim inf" results for increments of a Wiener process 1063–1082
HSU, P., MARCH, P. AND CRANSTON, M. Smoothness of the convex hull of planar Brownian motion 144–150
HSU, PEI. Heat semigroup on a complete Riemannian manifold .. 1248–1254
ISCOE, I. AND MCDONALD, D. Large deviations for l^2-valued Ornstein–Uhlenbeck processes 58–73
JOHNSON, WILLIAM B. AND SCHECHTMAN, G. Sums of independent random variables in rearrangement invariant function spaces 789–808
KANDA, MAMORU. A note on capacitary measures of semipolar sets 379–384
KAUFMAN, ROBERT. Dimensional properties of one-dimensional Brownian motion 189–193
KEANE, MICHAEL, DE VALK, VINCENT, AARONSON, JON AND GILAT, DAVID. An algebraic construction of a class of one-dependent processes 128–143
KENNEDY, J. E. AND QUINE, M. P. The total variation distance between the binomial and Poisson distributions 396–400
KENT, JOHN T. Continuity properties for random fields 1432–1440
KESTEN, H., SCHONMANN, R. H., CHAYES, J. T., CHAYES, L. AND GRIMMETT, G. R. The correlation length for the high-density phase of Bernoulli percolation 1277–1302
KLASS, MICHAEL J. Maximizing $E \max_{1 \le k \le n} S_k^+ / E S_n^+$: A prophet inequality for sums of i.i.d. mean zero variates 1243–1247
KLEBANER, FIMA C. Geometric growth in near-supercritical population size dependent multitype Galton–Watson processes .. 1466–1477

KLEBANER, FIMA C. Stochastic difference equations and generalized gamma distributions 178–188
KOHLMANN, MICHAEL AND ELLIOTT, ROBERT J. Integration by parts, homogeneous chaos expansions and smooth densities ... 194–207
KOLMOGOROV, A. N. Publications of A. N. Kolmogorov 945–964
KÔNO, NORIO AND BERMAN, SIMEON M. The maximum of a Gaussian process with nonconstant variance: A sharp bound for the distribution tail 632–650
KUCZEK, THOMAS. The central limit theorem for the right edge of supercritical oriented percolation 1322–1332
KUELBS, JAMES AND GOODMAN, VICTOR. Rates of convergence for the functional LIL 301–316
KUELBS, JAMES D. AND GRIFFIN, PHILIP S. Self-normalized laws of the iterated logarithm 1571–1601
LACEY, MICHAEL T. Laws of the iterated logarithm for the empirical characteristic function 292–300
LALLEY, S. AND SELLKE, T. Travelling waves in inhomogeneous branching Brownian motions. II 116–127
LAWLER, GREGORY F. The infinite self-avoiding walk in high dimensions 1367–1376
LEDOUX, M. AND TALAGRAND, M. Comparison theorems, random geometry and some limit theorems for empirical processes ... 596–631
LEE, TZONG-YOW. Large deviations for systems of noninteracting recurrent particles 46–57
LE GALL, JEAN-FRANÇOIS, ROSEN, JAY AND SHIEH, NARN RUEIH. Multiple points of Lévy processes 503–515
LI, DELI AND WU, ZHIQUAN. The law of the iterated logarithm for B-valued random variables with multidimensional indices . 760–774
LI, SHAO-FU AND CHEN, MU-FA. Coupling methods for multidimensional diffusion processes 151–177
LIGGETT, THOMAS M. Exponential L_2 convergence of attractive reversible nearest particle systems 403–432
LIU, LI AND MUELLER, CARL. On the extinction of measure-valued critical branching Brownian motion 1463–1465
LOEB, PETER A. AND CORNEA, AUREL. A convergence property for conditional expectation 353–356
MAKOWSKI, ARMAND M. AND BACCELLI, FRANÇOIS. Dynamic, transient and stationary behavior of the $M/GI/1$ queue via martingales 1691–1699
MARCH, P., CRANSTON, M. AND HSU, P. Smoothness of the convex hull of planar Brownian motion 144–150
MASON, DAVID M. An extended version of the Erdös–Rényi strong law of large numbers 257–265
MASSART, P. AND BRETAGNOLLE, J. Hungarian constructions from the nonasymptotic viewpoint 239–256

MASSART, PASCAL. Strong approximation for multivariate empirical and related processes, via KMT constructions 266–291
MATRAN, CARLOS AND CUESTA, JUAN ANTONIO. Notes on the Wasserstein metric in Hilbert spaces 1264–1276
MCDONALD, D. AND ISCOE, I. Large deviations for l^2-valued Ornstein–Uhlenbeck processes 58–73
MILLET, A., NUALART, D. AND SANZ, M. Integration by parts and time reversal for diffusion processes 208–238
MORROW, GREGORY J. AND SAWYER, STANLEY. Large deviation results for a class of Markov chains arising from population genetics 1124–1146
MOUNTFORD, T. S. Time inhomogeneous Markov processes and the polarity of single points 573–585
MOUNTFORD, T. S. Uniform dimension results for the Brownian sheet 1454–1462
MUELLER, CARL AND LIU, LI. On the extinction of measure-valued critical branching Brownian motion 1463–1465
NUALART, D., SANZ, M. AND MILLET, A. Integration by parts and time reversal for diffusion processes 208–238
NUALART, D. AND ZAKAI, M. On the relation between the Stratonovich and Ogawa integrals 1536–1540
PENROSE, M. D. On the existence of self-intersections for quasi-every Brownian path in space 482–502
PINSKY, ROSS. The averaging principle for diffusions with a small parameter in the case of a noncharacteristic boundary 559–572
PITMAN, JIM AND YOR, MARC. Further asymptotic laws of planar Brownian motion 965–1011
PITT, LOREN D. On a problem of H. P. McKean: Independence of Brownian hitting times and places 1651–1657
PRASAD, V. S. AND ALPERN, S. Coding a stationary process to one with prescribed marginals 1658–1663
PRUITT, WILLIAM E. AND GRIFFIN, PHILIP S. Asymptotic normality and subsequential limits of trimmed sums 1186–1219
QUINE, M. P. AND KENNEDY, J. E. The total variation distance between the binomial and Poisson distributions 396–400
RACHEV, S. T. AND DE HAAN, L. Estimates of the rate of convergence for max-stable processes 651–677
RACHEV, S. T. AND YUKICH, J. E. Rates for the CLT via new ideal metrics 775–788
REISS, R.-D. AND FALK, M. Weak convergence of smoothed and nonsmoothed bootstrap quantile estimates 362–371
RESNICK, SIDNEY AND GOLDIE, CHARLES M. Records in a partially ordered set 678–699
RÉVÉSZ, P., CSÁKI, E., CSÖRGŐ, M. AND FÖLDES, A. Brownian local time approximated by a Wiener sheet 516–537
RHEE, WANSOO T. AND TALAGRAND, MICHEL. A sharp deviation inequality for the stochastic traveling salesman problem 1–8

RINOTT, YOSEF AND BALDI, PIERRE. On normal approximations of distributions in terms of dependency graphs 1646–1650
ROSEN, JAY, SHIEH, NARN RUEIH AND LE GALL, JEAN-FRANÇOIS. Multiple points of Lévy processes 503–515
RUSSO, RALPH P. AND HANSON, D. L. Some "lim inf" results for increments of a Wiener process 1063–1082
SAMORODNITSKY, GENNADY AND SZULGA, JERZY. An asymptotic evaluation of the tail of a multiple symmetric α-stable integral 1503–1520
SANZ, M., MILLET, A. AND NUALART, D. Integration by parts and time reversal for diffusion processes 208–238
SAWYER, STANLEY AND MORROW, GREGORY J. Large deviation results for a class of Markov chains arising from population genetics 1124–1146
SCHECHTMAN, G. AND JOHNSON, WILLIAM B. Sums of independent random variables in rearrangement invariant function spaces 789–808
SCHMIDT, KLAUS D. The lattice property of uniform amarts 372–378
SCHONMANN, R. H., CHAYES, J. T., CHAYES, L., GRIMMETT, G. R. AND KESTEN, H. The correlation length for the high-density phase of Bernoulli percolation 1277–1302
SCHONMANN, ROBERTO H., TANAKA, NELSON I. AND DURRETT, RICHARD. The contact process on a finite set. III: The critical case 1303–1321
SELLKE, T. AND LALLEY, S. Travelling waves in inhomogeneous branching Brownian motions. II 116–127
SHAO, QI-MAN. On a problem of Csörgő and Révész 809–812
SHIEH, NARN RUEIH, LE GALL, JEAN-FRANÇOIS AND ROSEN, JAY. Multiple points of Lévy processes 503–515
SHIRYAEV, A. N. Kolmogorov—Life and creative activities 866–944
SINAI, YA. G. Kolmogorov's work on ergodic theory 833–839
SLADE, GORDON. The scaling limit of self-avoiding random walk in high dimensions 91–107
STEINEBACH, JOSEF AND DEHEUVELS, PAUL. Sharp rates for increments of renewal processes 700–722
SWINDLE, G., BRAMSON, M. AND DURRETT, R. Statistical mechanics of crabgrass 444–481
SZULGA, JERZY AND SAMORODNITSKY, GENNADY. An asymptotic evaluation of the tail of a multiple symmetric α-stable integral 1503–1520
TALAGRAND, M. AND LEDOUX, M. Comparison theorems, random geometry and some limit theorems for empirical processes . . . 596–631
TALAGRAND, MICHEL. Isoperimetry and integrability of the sum of independent Banach-space valued random variables 1546–1570
TALAGRAND, MICHEL AND RHEE, WANSOO T. A sharp deviation inequality for the stochastic traveling salesman problem 1–8

TANAKA, NELSON I., DURRETT, RICHARD AND SCHONMANN, ROBERTO H. The contact process on a finite set. III: The critical case 1303–1321
TAYLOR, J. C. The minimal eigenfunctions characterize the Ornstein–Uhlenbeck process 1055–1062
THELEN, BRIAN J. Fisher information and dichotomies in equivalence/contiguity 1664–1690
TUDOR, CONSTANTIN. A comparison theorem for stochastic equations with Volterra drifts 1541–1545
ÜSTÜNEL, ALI SULEYMAN AND ZAKAI, MOSHE. On independence and conditioning on Wiener space 1441–1453
WATERMAN, M. S. AND ARRATIA, R. The Erdös–Rényi strong law for pattern matching with a given proportion of mismatches 1152–1169
WATKINS, JOSEPH C. Donsker's invariance principle for Lie groups 1220–1242
WU, ZHIQUAN AND LI, DELI. The law of the iterated logarithm for B-valued random variables with multidimensional indices . 760–774
WYNER, AARON D. AND ELLIS, RICHARD S. Uniform large deviation property of the empirical process of a Markov chain 1147–1151
YOR, MARC AND PITMAN, JIM. Further asymptotic laws of planar Brownian motion 965–1011
YUKICH, J. E. AND RACHEV, S. T. Rates for the CLT via new ideal metrics 775–788
ZAKAI, M. AND NUALART, D. On the relation between the Stratonovich and Ogawa integrals 1536–1540
ZAKAI, MOSHE AND ÜSTÜNEL, ALI SULEYMAN. On independence and conditioning on Wiener space 1441–1453
ZEITOUNI, OFER. On the Onsager–Machlup functional of diffusion processes around non C^2 curves 1037–1054
ZHANG, CUN-HUI. A renewal theory with varying drift 723–736

Correction

RHEE, WANSOO AND TALAGRAND, MICHEL. Bad rates of convergence for the central limit theorem in Hilbert space 401

Addendum

ISCOE, I. On the supports of measure-valued critical branching Brownian motion 813